SESSION 2.3

TRAFFIC SIGNAL CONTROL PROGRAM (TSCP)
and
UNIVERSAL RAMP METERING (URMS)

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URMS

-Legacy Support
-Network Communication
-Ramp Metering Algorithm
(selection/options)
-Distributed Program
-Modular Design
-100% URMS Operational Requirements
-Incorporates a URMS Application Program Interface (API)

-LEGACY SUPPORT

-SATAMS and SDRMS Framing

-Transparent to Legacy FEP Data Capabilities

-NETWORK COMMUNICATIONS

-Uses Industry Standard RPC Libraries BSD Ver 4.3

-Utilizes Client/Server Paradigm

-Utilizes Microwares Stacked Protocol File Manager (SPF)

RAMP METERING ALGORITHM

-San Diego Ramp Metering (SDRMS)

-Stubs for Industry Metering

-DISTRIBUTED PROGRAM

-Client/Server Design using TCP/IP

-MODULAR DESIGN

-Multi-Process Program

-Each Process is stand Alone Capable

-Each Program has Built-in Debugging

-Module Selectable Configuration File

-Modules Included:

Surveillance, Front Panel,Metering, Field I/O, SDRMS, SATMS, Network

-URMS OPERATIONAL REQUIREMENTS

-Designed Around Operational Requirements

-URMS API

-Implements an API Utilizing Standard RPC Definitions

-Interfaces without URMS Code changes